25th January 1928]

(b) The information available is furnished below :—

Periyakulam Municipal Council.

One member (nominated) from 10th May 1921 to 10th May 1924 and from 1st July 1924 to 24th October 1926.

Palamcottah Municipal Council.

One member (nominated) from 6th May 1921 to 6th May 1924 and from 8th July 1924 to 8th July 1927.

Conjeeveram Municipal Council.

One member (elected) from 1st November 1924 to 1st November 1927.

(c) 6·8 per cent of the total population of the municipality.
(d) Three elected and two nominated.
(e) Twenty-one.
(f) The information is not available.
(g) The question will be considered.

Agriculture

Fertilization of soils with indigenous manures.

*1493 Q.—Mr. C. Gopala Menon: Will the hon. the Minister for Development be pleased to state—

(a) whether fertilization of soils with indigenous and artificial manures is being followed in the demonstration farms conducted by the Agricultural Department;

(b) if the answer to (a) is in the affirmative, whether he will be pleased to lay on the table of the House a statement showing the comparative figures of yield for the past one or two years;

(c) what efforts are being made to popularize the use of chemical manures;

(d) whether bottomless cisterns of reinforced concrete are used for experiments on paddy cultivation to find out the general manurial requirements of paddy, especially paddy grown on a heavy clay soil, and what the results obtained are for the past one or two years; and

(e) whether he is aware that such cisterns are being used in the State of Mysore for these experiments?

A.—(a) Yes.

(b) The department has obtained the following results :—

Paddy responds very well to nitrogenous and phosphatic manures, but response to potash on a majority of our soils may be considered nil. Amongst organic manures, green manures are found to be the most efficient and cheapest. Amongst artificials, sulphate of ammonia and calcium cyanamide have been found useful as sources of nitrogen. Amongst phosphatic manures, bone-meal has given very good results especially in combination with green manures. Trichy phosphates in combination with organic manures or with soluble mineral nitrogenous manures have been found to be useful in a few instances. Super phosphates have been found useful in some soils.